

APR 10 2003

### Summary of Safety and Effectiveness

This summary of 510(k) safety and effectiveness information is being submitted in accordance with the requirements of SMDA 1990 and 21 CFR 807.92.

The assigned 510(k) Number is: K030804

### Submitter's Name and Address

Bayer Healthcare LLC  
511 Benedict Avenue  
Tarrytown, NY 10591  
**Establishment Registration Number: 2432235**

Contact Person: Andres Holle  
Telephone: 914-524-3494  
Fax: 914-524-2500  
e-mail: andres.holle.b@bayer.com

### Contract Manufacturer

Randox Laboratories  
55 Diamond Road  
Crumlin, County Antrim, UK  
Establishment Registration: 8020890

<b>Device Name:</b>	Special Chemistry Calibrator
<b>Proprietary/Trade Name</b>	Bayer ADVIA 1650 Special Chemistry Calibrator
<b>Common Name:</b>	Calibrator Material
<b>Classification Name:</b>	Calibrator
<b>Classification:</b>	Class II
<b>Regulation Number:</b>	21 CFR 862.1150
<b>Panel:</b>	Chemistry (75)
<b>Product Code:</b>	JIX
<b>Predicate Device:</b>	Bayer Special Chemistry Calibrator
	Premarket Notification Number: K023840

**Device Description:**

The Bayer Special Chemistry Calibrator are for one absolute value of calibrator material prepared in human serum with non-serum constituents added.

All the analytes currently in the calibrator material are:

Acid Phosphatase

Lactate

Pancreatic Amylase

Lipase

The intention of this submission is to add the assigned values to the labeling claims for:

Pancreatic Amylase

Lipase

**Intended Use:**

The Special Chemistry Calibrators are calibrators for in vitro diagnostic use to monitor the precision and accuracy of certain chemistry test procedures for the ADVIA 1650 Chemistry analyzer.

**Substantial Equivalence:**

The Special Chemistry Calibrators are identical in intended use, storage and handling, stability, source material (human serum), and instructions for use as the previously cleared Special Chemistry Calibrators. The only difference in these calibrators is the addition of the assigned values in the labeling of two new analytes: Pancreatic Amylase and Lipase.

As with the predicate device, the calibrator materials are lyophilized and require reconstitution with 5.0 mL distilled water. These calibrators are only for use on the Bayer ADVIA 1650 Chemistry Analyzer.



DEPARTMENT OF HEALTH & HUMAN SERVICES

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Food and Drug Administration  
2098 Gaither Road  
Rockville MD 20850

APR 10 2003

Mr. Andres Holle  
Manager, Regulatory Affairs  
Bayer Healthcare LLC  
511 Benedict Avenue  
Tarrytown, NY 10591

Re: k030804  
Trade/Device Name: Special Chemistry Calibrator  
Regulation Number: 21 CFR 862.1150  
Regulation Name: Calibrator  
Regulatory Class: Class II  
Product Code: JIX  
Dated: March 10, 2003  
Received: March 13, 2003

Dear Mr. Holle:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to such additional controls. Existing major regulations affecting your device can be found in Title 21, Code of Federal Regulations (CFR), Parts 800 to 895. In addition, FDA may publish further announcements concerning your device in the Federal Register.

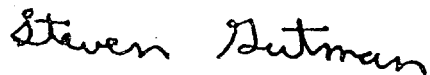
Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Parts 801 and 809); and good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820).

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This letter will allow you to begin marketing your device as described in your Section 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific information about the application of labeling requirements to your device, or questions on the promotion and advertising of your device, please contact the Office of In Vitro Diagnostic Device Evaluation and Safety at (301) 594-3084. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). You may obtain other general information on your responsibilities under the Act from the Division of Small Manufacturers, International and Consumer Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its Internet address <http://www.fda.gov/cdrh/dsma/dsmamain.html>.

Sincerely yours,

A handwritten signature in black ink that reads "Steven Gutman". The signature is written in a cursive, slightly slanted style.

Steven I. Gutman, M.D., M.B.A.  
Director  
Office of *In Vitro* Diagnostic Device  
Evaluation and Safety  
Center for Devices and  
Radiological Health

Enclosure

510(k) Number (if known):

K030804

Device Name: Special Chemistry Calibrator

**Indications for Use:**

For in vitro diagnostic use in the calibration of the ADVIA 1650 Chemistry system for certain chemistry methods.

(PLEASE DO NOT WRITE BELOW THIS LINE—CONTINUE  
ON ANOTHER PAGE, IF NEEDED)

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(ODE) Concurrence of CDRH, Office of Device Evaluation

Prescription Use ✓  
Use \_\_\_\_\_

OR

Over-The-Counter

(Per 21 CFR 801.109)  
1-2-96)

(Optional Format

Jean Cooper  
(Division Sign-Off)  
Division of Clinical Laboratory Devices  
510(k) Number K030804